

L Number	Hits	Search Text	DB	Time above	
3	23		USPAT	Time stamp 2003/07/10 21:4	
4	2	("6005757" and resistor) and (trip near	USPAT	2003/07/10 21:2	
;		unit)	001	2003/07/10 22:2	
	80	- I I I I I I I I I I I I I I I I I I I	USPAT	2003/07/10 23:1	
		(second near trip)) or ("4031431" or		2003, 07, 20 23.	
		"4051544" or "4081852" or "4833564" or		1	
		"5260676" or "5293522" or "5459630" or			
1		"5477412" or "5715125" or "5801912" or			
		"5831509" or "6040967" or "6262871")) and		j	
	2	(first near trip)) and (second near trip)			
	16		USPAT	2003/07/10 23:3	
	4	"4051544"	USPAT	2003/07/10 12:5	
	59	"4081852"	USPAT	2003/05/10 20:3	
	21	"4833564"	USPAT	2003/05/10 20:3	
	18	"5260676"	USPAT	2003/05/10 20:3	
İ	14	"5293522"	USPAT	2003/05/10 20:3	
	76	"5459630"	USPAT	2003/05/10 20:3	
	22	"5477412"	USPAT	2003/05/10 20:3	
	17	"5715125"	USPAT	2003/05/10 20:3	
	4	"5801912"	USPAT	2003/05/10 20:3	
İ	4	"5831509"	USPAT	2003/05/10 20:3	
ļ	15	"5896262"	USPAT	2003/05/10 20:3	
İ	15	"6040967"	USPAT	2003/05/10 20:3	
	4	"6262871"	USPAT	2003/05/10 20:3	
,	0	361/\$.ccls and (first near trip)	USPAT	2003/05/10 20:3	
	71620	361/\$.ccls and (mechanism near trip)	USPAT	2003/05/10 20:3	
	119	361/\$.ccls.	USPAT	2003/05/10 20:3	
	80	361/\$.ccls. and (first near trip)	USPAT	2003/05/10 20:4	
	00	(361/\$.ccls. and (first near trip)) and (second near trip)	USPAT	2003/05/10 20:4	
Ì	183	"4031431" or "4051544" or "4081852" or			
İ	100	"4833564" or "5260676" or "5293522" or	USPAT	2003/05/10 20:4	
		"5459630" or "5477412" or "5715125" or			
		"5801912" or "5831509" or "6040967" or			
		"6262871"			
	256	((361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:4	
	İ	(second near trip)) or ("4031431" or	OSTAT	2003/03/10 20:4	
	1	"4051544" or "4081852" or "4833564" or		1	
	İ	"5260676" or "5293522" or "5459630" or	ł	1	
		"5477412" or "5715125" or "5801912" or			
		"5831509" or "6040967" or "6262871")			
1	81	(((361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:4	
Ī		(second near trip)) or ("4031431" or			
İ		"4051544" or "4081852" or "4833564" or			
	-	"5260676" or "5293522" or "5459630" or		· ·	
ļ		"5477412" or "5715125" or "5801912" or "5831509" or "6040967" or "6262871")) and			
		(first near trip)			
1	1	"4652965"	110000		
1	t e	"6005757"	USPAT	2003/07/10 11:08	
		"6005757" and resistor	USPAT	2003/07/10 12:47	
	0	("6005757" and resistor) and burn\$3	USPAT USPAT	2003/07/10 12:50	
	19	"4031431" or "4051544"	USPAT	2003/07/10 12:55	
	193	"4031431" or "4051544" or "4081852" or	USPAT	2003/07/10 12:52 2003/07/10 12:55	
		"4833564" or "5260676" or "5293522" or	JULKI	2003/07/10 12:55	
		"5459630" or "5477412" or "5600524" or	ļ		
		"5715125" or "5801912" or "5831509" or			
		"5896262" or "6040967" or "6262871"			
	29	("4031431" or "4051544" or "4081852" or	USPAT	2003/07/10 15:30	
	1	"4833564" or "5260676" or "5293522" or	1	1 1, 11, 20, 20.30	

"4833564" or "5260676" or "5293522" or "5459630" or "5477412" or "5600524" or "5715125" or "5801912" or "5831509" or "5896262" or "6040967" or "6262871") and

1 ("6005757" and resistor) and (second adj

1 ("6005757" and resistor) and (second adj

(second adj trip)near mechanism

USPAT

USPAT

USPAT

USPAT

2003/07/10 14:08

2003/07/10 16:15

2003/07/10 15:06

2003/07/10 15:08

Search History 7/10/03 11:29:51 PM Page 1

"4081852"

burn\$3

trip)

trip) and contact\$1

11

60



		("4031431" or "4051544" or "4081852" or "4833564" or "5260676" or "5293522" or "5459630" or "545960"	USPAT	2003/07/10 15:3
		"5459630" or "5477412" or "5600524" or "5715125" or "5801912" or "5831509" or		
	1	1 3030262" Or "6040967" Or "6262071"		
_		(Lesistor near (burns) or malter()		
-	20	361/\$.ccls. and (resistor near (burn\$3 or melt\$3))	USPAT	2003/07/10 15:3
-	0			, , , , , , , , , , , , , , , , , , , ,
		mercas//same interrunts:	USPAT	2003/07/10 15:3
-	25664	(resistor near (burn\$3 or mel+\$3)) game	HODAM	
_		Interrupts or breaker	USPAT	2003/07/10 15:3
	0	(resistor near (burn\$3 or	USPAT	2002 (07 (2
-	5	melt\$3))near3(interrupt\$3 or breaker)	OSFAI	2003/07/10 15:3
		1 (100+300) Hear (Dilrns) Or	USPAT	2003/07/10 15:47
-	0	melt\$3))same(interrupt\$3 or breaker) "6420948" and latch		2003/07/10 15:4
	1	"6420948" and solenoid	USPAT	2003/07/10 15:48
	2	"6487057"	USPAT	2003/07/10 15:50
	1	"5999385".PN.	USPAT	2003/07/10 15:50
	1	"5831509".PN.	USPAT	2003/07/10 15:58
	1	"5510759".PN.	USPAT	2003/07/10 15:58
	0	("6005757" and resistor) and gfci	USPAT	2003/07/10 15:58
	2	1 0005/5/" and resistor) and ground	USPAT	2003/07/10 16:15
	1 0	6420948"	USPAT	2003/07/10 22:39
	-	"6420948" and ((arc or ground) near fault)	USPAT	2003/07/10 16:30 2003/07/10 16:31
	0	"6420948" and afci "6420948" and gfci	USPAT	2003/07/10 16:31
		0420346 and grc1	USPAT	2003/07/10 16:32



7



			g .	
L Number	11200		DB	Time stamp
1	1	(costs of and resistor) and (second and	USPAT	2003/07/10 14:22
	Í	trip)and contact\$1	331	2003/07/10 14:22
2	11	("TTP/IICAL MECHANISM	USPAT	2003/07/10 15:06
3	1	1	USPAT .	2003/07/10 15:07
4	60		USPAT	2003/07/10 15:08
5	0	1 \ 1001101 Or 4001044 Or "4081852" Or	USPAT	2003/07/10 15:32
		"4833564" or "5260676" or "5293522" or		2003/07/10 13:32
		"5459630" or "5477412" or "5600524" or		
	ļ	"5715125" or "5801912" or "5831509" or		
		"5896262" or "6040967" or "6262871") and		
_		(resistor near (burn\$3 or melt\$3))		
6	20	1 Trades and treatment that the times of	USPAT	2003/07/10 15:32
7		melt\$3))		2003/01/10 13:32
7	0	i /	USPAT	2003/07/10 15:33
0		melt\$3))same interrupt\$3	İ	1000,07,10 13.33
8	25664		USPAT	2003/07/10 15:34
	1	interrupt\$3 or breaker		2003/07/10 13.34
9	0	, tour (burney) Or	USPAT	2003/07/10 15:34
		melt\$3))near3(interrupt\$3 or breaker)		2003/07/10 13:34
10	5	(====================================	USPAT	2003/07/10 15:47
1 7		melt\$3))same(interrupt\$3 or breaker)		2003/07/10 13.47
11	0	"6420948" and latch	USPAT	2003/07/10 15:48
12	1	"6420948" and solenoid	USPAT	2003/07/10 15:50
13	2	"6487057"	USPAT	2003/07/10 15:50
14	.1		USPAT	2003/07/10 15:58
15	1		USPAT	2003/07/10 15:58
16	1		USPAT	2003/07/10 15:58
-	16	"4031431"	USPAT	2003/07/10 13:58
-	4	"4051544"	USPAT	2003/05/10 20:30
-	59	"4081852"	USPAT	2003/05/10 20:30
-	21	"4833564"	USPAT	2003/05/10 20:31
-	18	"5260676"	USPAT	2003/05/10 20:31
-	14	"5293522"	USPAT	2003/05/10 20:32
-	76	"5459630"	USPAT	2003/05/10 20:32
-	22	"5477412"	USPAT	2003/05/10 20:32
-	17	"5715125"	USPAT	2003/05/10 20:33
_	4	"5801912"	USPAT	2003/05/10 20:34
-	4	"5831509"	USPAT	2003/05/10 20:34
•	15	"5896262"	USPAT	2003/05/10 20:35
=	15	"6040967"	USPAT	2003/05/10 20:35
-	4	"6262871"	USPAT	2003/05/10 20:37
	0	361/\$.ccls and (first near trip)	USPAT	2003/05/10 20:39
	0	361/\$.ccls and (mechanism near trip)	USPAT	2003/05/10 20:38
ĺ	71620	361/\$.ccls.	USPAT	2003/05/10 20:38
	119	361/\$.ccls. and (first near trip)	USPAT	2003/05/10 20:41
	80	(361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:41
		(second near trip)		, 55, 25 25.11
	183	"4031431" or "4051544" or "4081852" or	USPAT	2003/05/10 20:41
		"4833564" or "5260676" or "5293522" or		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1		"5459630" or "5477412" or "5715125" or		
1		"5801912" or "5831509" or "6040967" or		
1	256	"6262871"		1
	256	((361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:41
		(second near trip)) or ("4031431" or		1 2 2 2 2 2 3 1 1 1
		"4051544" or "4081852" or "4833564" or		
		"5260676" or "5293522" or "5459630" or		
ł		"5477412" or "5715125" or "5801912" or		
	0.1	"5831509" or "6040967" or "6262871")		
ľ	81	(((361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:41
	1	(second near trip)) or ("4031431" or		200,00,10 20.41
1		"4051544" or "4081852" or "4833564" or		
		"5260676" or "5293522" or "5459630" or	1	
		"5477412" or "5715125" or "5801912" or		
	1	"5831509" or "6040967" or "6262871")) and		1
1	l l	(first near trip)	1	1

-	80	((((361/\$.ccls. and (first near trip)) and	USPAT	2003/05/10 20:41
		(second near trip)) or ("4031431" or	OBIAI	2003/03/10 20:41
		"4051544" or "4081852" or "4833564" or		
		"5260676" or "5293522" or "5459630" or		
		"5477412" or "5715125" or "5801912" or		
		"5831509" or "6040967" or "6262871")) and		
	İ	(first near trip)) and (second near trip)	!	
-	1	"4652965"	USPAT	2002/07/10 11 00
-	7	"6005757"	USPAT	2003/07/10 11:08
-	2	"6005757" and resistor	USPAT	2003/07/10 12:43
-	0	("6005757" and resistor) and burn\$3	USPAT	2003/07/10 12:50
-	19	"4031431" or "4051544"	USPAT	2003/07/10 12:55
-	193	"4031431" or "4051544" or "4081852" or	USPAT	2003/07/10 12:52 2003/07/10 12:55
		"4833564" or "5260676" or "5293522" or	00::::	2003/07/10 12:55
		"5459630" or "5477412" or "5600524" or		
		"5715125" or "5801912" or "5831509" or		
		"5896262" or "6040967" or "6262871"		
-	29	("4031431" or "4051544" or "4081852" or	USPAT	2003/07/10 15:30
		"4833564" or "5260676" or "5293522" or		2003/07/10 15:30
		"5459630" or "5477412" or "5600524" or		
		"5715125" or "5801912" or "5831509" or		
	1	"5896262" or "6040967" or "6262871") and		
		burn\$3		
-	1	("6005757" and resistor) and (second adj	USPAT	2003/07/10 14:08
	<u> </u>	trip)	1	2003/07/10 14:08